

Attorney Docket No.: 56162.000530

(GV 330)

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As the below named inventor, I hereby declare that:

My residence, post office address and citizenship is as stated below next to my name;

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

MIMO DYI	NAMIC PSD ALLOCATION FOR DSL N	IETWORKS
the specification of which:	☐ is attached hereto. ☐ was filed on: March 25, 2004 as United States Application No.: or PCT International Application No.: and was amended on:	10/808,549 (if applicable).
I haraby state that I	have reviewed and understand the cor	
specification, including the above.	e claims, as amended by any amendi	ment specifically referred to
I acknowledge the defined in 37 C.F.R. § 1.56	duty to disclose information which is 3.	material to patentability as
	Prior Foreign Application(s)	
of any foreign application	gn priority benefits under 35 U.S.C. §§ (s) for patent, inventor's or plant bree national application which designated at	der's rights certificate(s), or

the United States of America, listed below and have also identified below by checking the box, -any-foreign-application(s)-for-patent,-inventor's-or-plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed:

Application Number	Country	Date of Filing (day, month, year)	Date of Issue (day, month, year)	Priority Claimed
				Yes No
				Yes No No
				Yes No No



are punishable by fine and imprisonment, or both, under 18 U.S.C. § 1001, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

NAME OF SOLE	OR FIRST	A pe	tition has been filed	for this unsigned inventor
INVENTOR: Signature	had fanch		Date	5/4/0M
Given Name (first and middle (if a	any)) Ehud		Family Name or Surname	LANGBERG
Citizenship:	USA			
Residence:	44 Meadows Lane, W	ayside, NJ 0	7712	
Mailing Address:	44 Meadows Lane, W			
NAME OF SECO	ND INVENTOR:	A p€	tition has been filed	for this unsigned inventor
Signature	· · · · · · · · · · · · · · · · · · ·		Date	
Given Name (first and middle (if	any)) William		Family Name or Surname	SCHOLTZ
Citizenship:	USA			
Residence:	734 Navesink River R	oad, Red Ba	nk, NJ 07701	
Mailing Address:	734 Navesink River R	oad, Red Ba	nk, NJ 07701	
NAME OF THIRD	INVENTOR:	П Ар	etition has been filed	for this unsigned inventor
		_		
Signature			Date	
Given Name (first and middle (if	any)) Lujing		Family Name or Surname	CAI
Citizenship:	USA			
Residence:	517 Imbrie Place, Moi	rganville, NJ	07751	
Mailing Address:	517 Imbrie Place, Moi	rganville, NJ	07751	
	TH INVENTOR.		atition has been files	d for this unsigned inventor
NAME OF FOUR	IH INVENTOR:	[_] A P	etition has been met	Tion this unsigned inventor
Signature			Date	
Given Name (first and middle (if	any)) Albert		Family Name or Surname	Rapaport
Citizenship:	Israel	•		
Residence:	102 Radcliff Place, M	organ∨ille, N	J 07751	
Mailing Address:	102 Radcliff Place, M	organ∨ille, N	J 07751	

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NAME OF SOLE INVENTOR:	OR FIRST	A petition has been file	d for this unsigned inventor
Signature		Date	
Given Name (first and middle (if	any)) Ehud	Family Name or Surname	LANGBERG
Citizenship:	USA		
Residence:	44 Meadows Lane, Way	side, NJ 07712	
Mailing Address:	44 Meadows Lane, Way	side, NJ 07712	
		A solution bearings (1)	al fau thia consistant and incontact
NAME OF SECO		A petition has been file	ed for this unsigned inventor
Signature	4 HAda	Date	5/5/04
Given Name (first and middle (if		Family Name or Surname	SCHOLTZ
Citizenship:	USA		
Residence:	734 Navesink River Roa	ad, Red Bank, NJ 07701	
Mailing Address:	734 Navesink River Roa	ad, Red Bank, NJ 07701	
NAME OF THIRD	O INVENTOR:	A petition has been file	ed for this unsigned inventor
Given Name (first and middle (if	any)) Lujing	Family Name or Surname	CAI
Citizenship:	USA		
Residence:	517 Imbrie Place, Morg	anville, NJ 07751	
Mailing Address:	517 Imbrie Place, Morg	anville, NJ 07751	
	RTH INVENTOR:		ed for this unsigned inventor
Signature		Date	≠ · <u></u>
Given Name (first and middle (if	any)) Albert	Family Name or Surname	Rapaport
Citizenship:	Israel		
Residence:	102 Radcliff Place, Mor	ganville, NJ 07751	
Mailing Address:	102 Radcliff Place, Mor		

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willful false statements may jeopardize the validity of the application or any patent issuing thereon. A petition has been filed for this unsigned inventor NAME OF SOLE OR FIRST INVENTOR: Date Signature Family Name Given Name LANGBERG Ehud or Surname (first and middle (if any)) USA Citizenship: 44 Meadows Lane, Wayside, NJ 07712 Residence: 44 Meadows Lane, Wayside, NJ 07712 Mailing Address: A petition has been filed for this unsigned inventor NAME OF SECOND INVENTOR: Date Signature Family Name Given Name **SCHOLTZ** William or Surname (first and middle (if any)) **USA** Citizenship: 734 Navesink River Road, Red Bank, NJ 07701 Residence: 734 Navesink River Road, Red Bank, NJ 07701 Mailing Address: A petition has been filed for this unsigned inventor NAME OF THIRD INVENTOR: Date Signature Family Name Given Name CAI or Surname Lujing (first and middle (if any)) USA Citizenship: 517 Imbrie Place, Morganville, NJ 07751 Residence: 517 Imbrie Place, Morganville, NJ 07751 Mailing Address: A petition has been filed for this unsigned inventor NAME OF FOURTH INVENTOR: Date Signature Family Name Given Name or Surname Rapaport Albert (first and middle (if any)) Israel Citizenship: 102 Radcliff Place, Morganville, NJ 07751 Residence: 102 Radcliff Place, Morganville, NJ 07751 Mailing Address:

are punishable by fine and imprisonment, or both, under 18 U.S.C. § 1001, and that such

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are punishable by fine and imprisonment, or both, under 18 U.S.C. § 1001, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon. A petition has been filed for this unsigned inventor NAME OF SOLE OR FIRST INVENTOR: Signature Family Name Given Name LANGBERG or Surname **Ehud** (first and middle (if any)) USA Citizenship: 44 Meadows Lane, Wayside, NJ 07712 Residence: 44 Meadows Lane, Wayside, NJ 07712 Mailing Address: A petition has been filed for this unsigned inventor NAME OF SECOND INVENTOR: Date Signature Family Name Given Name **SCHOLTZ** William or Surname (first and middle (if any)) USA Citizenship: 734 Navesink River Road, Red Bank, NJ 07701 Residence: 734 Navesink River Road, Red Bank, NJ 07701 Mailing Address: A petition has been filed for this unsigned inventor NAME OF THIRD INVENTOR: Date Signature Family Name Given Name CAI or Surname (first and middle (if any)) Lujing USA Citizenship: 517 Imbrie Place, Morganville, NJ 07751 Residence: 517 Imbrie Place, Morganville, NJ 07751 Mailing Address: A petition has been filed for this unsigned inventor NAME OF FOURTH INVENTOR: Signature Family Name Given Name Rapaport or Surname Albert (first and middle (if any)) Israel Citizenship: 102 Radcliff Place, Morganville, NJ 07751 Residence:

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102 Radcliff Place, Morganville, NJ 07751

Mailing Address:

RADEMAR A petition has been filed for this unsigned inventor NAME OF FIFTH INVENTOR: Signature Family Name Given Name RAHMAN or Surname (first and middle (if any)) Shareq India Citizenship: 308 Pleasant Valley Road, Morganville, NJ 07751 Residence: 308 Pleasant Valley Road, Morganville, NJ 07751 Mailing Address: A petition has been filed for this unsigned inventor NAME OF SIXTH INVENTOR: Date Signature

Family Name Given Name

or Surname DUVAUT

Patrick (first and middle (if any))

Citizenship: 48 Madison Court, Tinton Falls, NJ 07712 Residence:

France

48 Madison Court, Tinton Falls, NJ 07712 Mailing Address:



48 Madison Court, Tinton Falls, NJ 07712

A petition has been filed for this unsigned inventor NAME OF FIFTH INVENTOR: Date Signature Family Name Given Name **RAHMAN** Shareq or Surname (first and middle (if any)) Citizenship: 308 Pleasant Valley Road, Morganville, NJ 07751 Residence: 308 Pleasant Valley Road, Morganville, NJ 07751 Mailing Address: A petition has been filed for this unsigned inventor NAME OF SIXTH INVENTOR: Date Signature Family Name Given Name DUVAUT (first and middle (if any)) **Patrick** or Surname France Citizenship: 48 Madison Court, Tinton Falls, NJ 07712 Residence:

Mailing Address: